



**Puget Sound Clean Air Agency**  
110 Union Street, Suite 500  
Seattle, WA 98101-2038  
phone 206-343-8800/1-800-552-3565  
fax 206-343-7522 www.pscleanair.org

## Written Warning

**No. 2-007479**

Case No.

Registration No. 11339

Violation Date: 11/27/05-11/28/05 Time:

Certified Mail No.:

Name

Responsible Person, Title

Ash Grove Cement Co.

Gerald Brown, EH&S Manager

Location of Violation (Address)

City

Zip

County

3801 E. Marginal Way So.

Seattle, WA

98134

King

Mailing Address

City, State

Zip

Phone

As Above

Seattle, WA

98134

(206) 623-5596

Violation of AOP No. 11339 issued on 5/15/2004 Part I.B.1.EU 1.3 emissions shall not exceed 5% opacity for a one hour average from the kiln stack as determined by a COMS.

### Violation Description

Ash Grove reported the following violations in the November '05 CEM report:

#### 5% 1 hr Opacity Violation

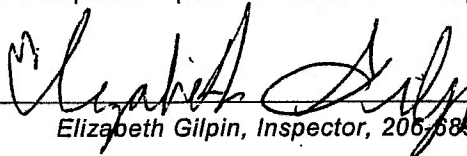
<u>Date</u>	<u>Time</u>	<u>Description</u>
11/27/05	12:00 AM- 11:00 PM	12 one hour periods greater than 5% opacity
11/28/05	12:00 AM- 7:00 AM	8 one hour periods greater than 5% opacity

### Corrective Action Order


If you do not take the corrective action described below to comply with the regulations of the Puget Sound Clean Air Agency, the Agency may issue a Notice of Violation that may result in a civil penalty.

☒ No further response required. This case is closed per Agency Civil Penalty Policy of January 2002.

Issued by:

  
Elizabeth Gilpin, Inspector, 206-689-4026

Date/Time:

2-1-06  


Received by

signature

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## Written Warning

No. 2-007193

Case No.

Registration No. 11339

Violation Date: 1/03/06 Time:

Certified Mail No.:

Name

Responsible Person, Title

Ash Grove Cement Co.

Gerald Brown, EH&S Manager

Location of Violation (Address)

City

Zip

County

3801 E. Marginal Way So.

Seattle, WA

98134

King

Mailing Address

City, State

Zip

Phone

As Above

Seattle, WA

98134

(206) 623-5596

Violation of AOP No. 11339 issued on 5/15/2004 Part I.B.1.EU 1.3 emissions shall not exceed 5% opacity for a one hour average from the kiln stack as determined by a COMS. EU 1.2 emission from the main kiln exhaust stack shall not exceed 20% opacity in any consecutive 6 minute period during any one hour.

### Violation Description

Ash Grove reported the following violations in the January '06 CEM report:

#### 1 violation of the 5% 1 hour opacity standard

<u>Date</u>	<u>Time</u>	<u>1 hour average opacity</u>
1/03/06	21:00	16.4%

#### 1 violation of the 20% opacity 6 minute standard

<u>Date</u>	<u>Time</u>	<u>6 minute opacity</u>
1/03/06	21:00	16.4%

### Corrective Action Order

If you do not take the corrective action described below to comply with the regulations of the Puget Sound Clean Air Agency, the Agency may issue a Notice of Violation that may result in a civil penalty.

☒ No further response required. This case is closed per Agency Civil Penalty Policy of January 2002.

Issued by:

*Elizabeth Gilpin*  
Elizabeth Gilpin, Inspector, 206-669-4026

Date/Time:

*WJA* 3-8-06

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## Written Warning

**No. 2-007192**

Case No.

Registration No. 11339

Violation Date: 12/26,12/27,12/28/05 Time:

Certified Mail No.:

Name

Responsible Person, Title

Ash Grove Cement Co.

Gerald Brown, EH&S Manager

Location of Violation (Address)

City

Zip

County

3801 E. Marginal Way So.

Seattle, WA

98134

King

Mailing Address

City, State

Zip

Phone

As Above

Seattle, WA

98134

(206) 623-5596

Violation of AOP No. 11339 issued on 5/15/2004 Part I.B.1.EU 1.3 emissions shall not exceed 5% opacity for a one hour average from the kiln stack as determined by a COMS.

EU 1.2 emission from the main kiln exhaust stack shall not exceed 20% opacity in any consecutive 6 minute period during any one hour.

EU 1.9 CO emissions from the main kiln exhaust stack shall not exceed 1045 ppm at 10% O2 for an 8 hr. average.

Part II.B.1.ii Ash Grove shall recover valid hourly monitoring data for at least 95% of the hours the kiln operates during the month.

### Violation Description

Ash Grove reported the following violations in the December '05 CEM report:

#### 8 violations of the 5% 1 hour opacity standard

<u>Date</u>	<u>Time</u>	<u>1 hour average opacity</u>
12/27/05	23:00	73.2%
12/27/04	24:00	81.7%
12/28/05	01:00-06:00	6 one hour periods between 43% and 89%

#### 9 violations of the 20% opacity 6 minute standard

<u>Date</u>	<u>Time</u>	<u>6 minute opacity</u>
12/27/05	21:00	24.2%
12/27/05	23:00	73.2%
12/27/04	24:00	81.7%
12/28/05	01:00-06:00	6 one hour periods between 43% and 89% opacity

#### 4 violations of the 1045 ppm 8 hour CO limit

<u>Date</u>	<u>Time</u>	<u>CO 8 hr average ppm</u>
12/26/05	00:00	1163
12/27/05	16:00	1207
12/28/05	00:00	1067
12/28/05	08:00	1178



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**WW No. 2-007192**

## Violation of valid data capture requirement

Ash Grove reported 92.6% valid data capture on the SO2 continuous emission monitor for the month of December '05, which failed to meet the 95% valid data capture requirement.

## Corrective Action Order

If you do not take the corrective action described below to comply with the regulations of the Puget Sound Clean Air Agency, the Agency may issue a Notice of Violation that may result in a civil penalty.

☒ No further response required. This case is closed per Agency Civil Penalty Policy of January 2002.

Issued by:

*Elizabeth Gilpin*  
Elizabeth Gilpin, Inspector, 206-689-4026

Date/Time:

3-29-06

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signature

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AGCS2M000621



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Seattle, WA 98101-2038  
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## Written Warning

No. 2-002053

Case No. Registration No. 11339 Violation Date: 2/15/06 Time:

Certified Mail No.:	Name Ash Grove Cement Co.	Responsible Person, Title Gerald Brown, EH&S Manager	
Location of Violation (Address) 3801 E. Marginal Way So.	City Seattle, WA	Zip 98134	County King
Mailing Address As Above	City, State Seattle, WA	Zip 98134	Phone (206) 623-5596

Violation of AOP No. 11339 issued on 5/15/2004 Part I.B.1.EU 1.3 emissions shall not exceed 5% opacity for a one hour average from the kiln stack as determined by a COMS.

### Violation Description

Ash Grove reported the following violations in the February '06 CEM report:

### Violations of the 5% 1 hour opacity standard

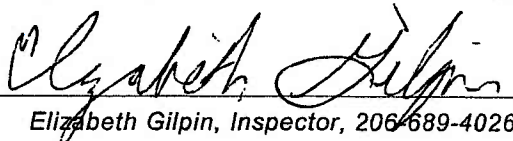
<u>Date</u>	<u>Time</u>	<u>1 hour average opacity</u>
2/15/06	0:00	5.6%
	01:00	16%
	02:00	25.6%
	03:00	33.3%
	04:00	34.3%
	05:00	9.7%
	06:00	6.9%
	07:00	5.7%

### Corrective Action Order


If you do not take the corrective action described below to comply with the regulations of the Puget Sound Clean Air Agency, the Agency may issue a Notice of Violation that may result in a civil penalty.

☒ No further response required. This case is closed per Agency Civil Penalty Policy of January 2002.

Issued by:

  
Elizabeth Gilpin, Inspector, 206-689-4026

Date/Time:

4.21.06  


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signature

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## Written Warning

**No. 2-002055**

Case No.	Registration No. 11339	Violation Date: 03/07/06 Time:	
Certified Mail No.:	Name <b>Ash Grove Cement Co.</b>	Responsible Person, Title <b>Gerald Brown, EH&amp;S Manager</b>	
Location of Violation (Address) <b>3801 E. Marginal Way So.</b>	City <b>Seattle, WA</b>	Zip <b>98134</b>	County <b>King</b>
Mailing Address <b>As Above</b>	City, State <b>Seattle, WA</b>	Zip <b>98134</b>	Phone <b>(206) 623-5596</b>

Violation of AOP No. 11339 issued on 5/15/2004 Part I.B.1. EU 1.9 CO emissions from the main kiln exhaust stack shall not exceed 1045 ppm at 10% O<sub>2</sub> for an 8 hr. average. Part II.B.1.ii Ash Grove shall recover valid hourly monitoring data for at least 95% of the hours the kiln operates during the month.

### Violation Description

Ash Grove reported the following violations in the March 2006 CEM report:

1 violation of the 1045 ppm 8 hour CO limit

<u>Date</u>	<u>Time</u>	<u>CO 8 hr average ppm</u>
03/07/06	00:00	1078.2

### Violation of valid data capture requirement

Ash Grove reported 91.18% valid data capture on the SO<sub>2</sub>, NO<sub>x</sub>, Co, and O<sub>2</sub> continuous emission monitors for the month of March 2006, which failed to meet the 95% valid data capture requirement. Ash Grove demonstrated that the monitor downtime was not reasonably preventable and as a result, the failure to meet the data capture requirement is excused.

### Corrective Action Order

If you do not take the corrective action described below to comply with the regulations of the Puget Sound Clean Air Agency, the Agency may issue a Notice of Violation that may result in a civil penalty.

☒ No further response required. This case is closed per Agency Civil Penalty Policy of January 2002.

Issued by:

Elizabeth Gilpin, Inspector, 206-689-4026

Date/Time:

5-12-06

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## Written Warning

**No. 2-007489**

Case No. Registration No. 11339 Violation Date: 4/17/06, 4/03/06, 4/26/06 Time:

Certified Mail No.:	Name	Responsible Person, Title	
	Ash Grove Cement Co.	Gerald Brown, EH&S Manager	
Location of Violation (Address)	City	Zip	County
3801 E. Marginal Way So.	Seattle, WA	98134	King
Mailing Address	City, State	Zip	Phone
As Above	Seattle, WA	98134	(206) 623-5596

Violation of AOP No. 11339 issued on 5/15/2004 Part I.B.1. EU 1.9 CO emissions from the main kiln exhaust stack shall not exceed 1045 ppm at 10% O<sub>2</sub> for an 8 hr. average. EU 1.2 Main stack emissions shall not exceed 20% opacity in any 6 minute period as measured by a continuous opacity monitor.

### Violation Description

Ash Grove reported the following violations in the April 2006 CEM report:

#### 2 violations of the 1045 ppm 8 hour CO limit

<u>Date</u>	<u>Time</u>	<u>CO 8 hr average ppm</u>
04/03/06	00:00	1047.8
04/26/06	08:00	1231.4

#### 1 violation of the 20% opacity 6 minute standard

<u>Date</u>	<u>Time</u>	<u>Maximum 20% 6 minute value in 1 hr.</u>
04/17/06	10:00 AM	29.62%

### Corrective Action Order

If you do not take the corrective action described below to comply with the regulations of the Puget Sound Clean Air Agency, the Agency may issue a Notice of Violation that may result in a civil penalty.

☒ No further response required. This case is closed per Agency Civil Penalty Policy of January 2002.

Issued by:

*Elizabeth Gilpin*  
Elizabeth Gilpin, Inspector, 206-688-4026

Date/Time:

6-13-06

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## Written Warning

✓ No. 2-007494

2-8-2006

Case No. Registration No. 11339 Violation Date: 5/11/06, 5/12/06 Time:

Certified Mail No.:	Name Ash Grove Cement Co.	Responsible Person, Title Gerald Brown, EH&S Manager
Location of Violation (Address) 3801 E. Marginal Way So.	City Seattle, WA	Zip 98134
Mailing Address As Above	City, State Seattle, WA	County King
		Phone (206) 623-5596

Violation of AOP No. 11339 issued on 5/15/2004 Part I.B.1. EU 1.2 Main stack emissions shall not exceed 20% opacity in any 6 minute period as measured by a continuous opacity monitor. EU 1.3 Main stack emissions shall not exceed 5% opacity in any one hour period as measured by a continuous opacity monitor.

### Violation Description

Ash Grove reported the following violations in the May 2006 CEM report:

#### 12 violations of the 20% opacity 6 minute standard

<u>Date</u>	<u>Time</u>	<u>Maximum 20% 6 minute value in 1 hr.</u>
5/11	20:00	99% opacity
	21:00	99% opacity
	22:00	99% opacity
	22:00	99% opacity
	22:00	99% opacity
5/12	01:00	99% opacity
	02:00	99% opacity
	03:00	99% opacity
	04:00	99% opacity
	05:00	99% opacity
	06:00	97% opacity
	07:00	94% opacity
	08:00	20% opacity

#### 15 violations of the 5% opacity 1 hour standard

<u>Date</u>	<u>Time</u>	<u>Maximum 5% 1 hr average</u>
05/11	20:00	6.22%
05/11	21:00	7.16%
05/11	22:00	60.24%
05/11	23:00	90.42%
05/11	24:00	90.35%
05/12	01:00	94.52%
05/12	02:00	91.42%
05/12	03:00	92.78%
05/12	04:00	91.25%





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05/12	05:00	91.10%
05/12	06:00	28.35%
05/12	07:00	12.91%
05/12	08:00	8.52%
05/19	09:00	5.74%
05/19	11:00	7.77%

### Corrective Action Order

If you do not take the corrective action described below to comply with the regulations of the Puget Sound Clean Air Agency, the Agency may issue a Notice of Violation that may result in a civil penalty.

☒ No further response required. This case is closed per Agency Civil Penalty Policy of January 2002.

Issued by:

  
Elizabeth Gilpin, Inspector, 206-689-4026

Date/Time:

8-30-06



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signature

print name

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phone 206-343-8800/1-800-552-3565  
fax 206-343-7522 www.pscleanair.org

## Written Warning

**No. 2-007493**

6-30-06

Case No. Registration No. 11339 Violation Date: See Below Time:

Certified Mail No.:	Name Ash Grove Cement Co.	Responsible Person, Title Gerald Brown, EH&S Manager	
Location of Violation (Address) 3801 E. Marginal Way So.	City Seattle, WA	Zip 98134	County King
Mailing Address As Above	City, State Seattle, WA	Zip 98134	Phone (206) 623-5596

Violation of AOP No. 11339 issued on 5/15/2004 Part I.B.1. EU 1.9 CO emissions from the main kiln exhaust stack shall not exceed 1045 ppm at 10% O<sub>2</sub> for an 8 hr. average. EU 1.2 Main stack emissions shall not exceed 20% opacity in any 6 minute period as measured by a continuous opacity monitor. EU 1.3 Main stack emissions shall not exceed 5% opacity in any one hour period as measured by a continuous opacity monitor.

### Violation Description

Ash Grove reported the following violations in the June 2006 CEM report:

#### 4 violations of the 1045 ppm 8 hour CO limit

<u>Date</u>	<u>Time</u>	<u>CO 8 hr average ppm</u>
06/03/06	08:00	1058.7
06/14/06	16:00	1251.4
06/26/06	16:00	1146.8
06/30/06	08:00	1046.6

#### 4 violations of the 20% opacity 6 minute standard

<u>Date</u>	<u>Time</u>	<u>Maximum 20% 6 minute value in 1 hr.</u>
06/07/06	22:00	33.0%
06/12/06	06:00	60.5%
06/12/06	07:00	56.6%
06/29/06	20:00	22.6%

#### 19 violations of the 5% opacity 1 hour standard



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fax 206-343-7522 www.pscleanair.org

<u>Date</u>	<u>Time</u>	<u>Maximum 5% 1 hr average</u>
06/11/06	14:00	5.7%
06/11/06	15:00	5.8%
06/11/06	16:00	5.9%
06/11/06	17:00	5.8%
06/11/06	18:00	6.3%
06/11/06	19:00	6.3%
06/11/06	20:00	6.4%
06/11/06	21:00	6.4%
06/11/06	22:00	6.3%
06/11/06	23:00	6.3%
06/12/06	00:00	6.7%
06/12/06	01:00	7.0%
06/12/06	03:00	6.6%
06/12/06	04:00	6.9%
06/12/06	05:00	6.9%
06/12/06	06:00	7.2%
06/12/06	08:00	7.7%
06/29/06	20:00	7.5%

### Corrective Action Order

If you do not take the corrective action described below to comply with the regulations of the Puget Sound Clean Air Agency, the Agency may issue a Notice of Violation that may result in a civil penalty.

☒ No further response required. This case is closed per Agency Civil Penalty Policy of January 2002.

Issued by:

  
Elizabeth Gilpin, Inspector, 206-689-4026

Date/Time:

8-30-06



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signature

print name

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## Written Warning

**No. 2-002060**

CL 2540 10-13-06.

Case No.

Registration No. **11339**

Violation Date: 07/01/06, 07/08/06 Time:

Certified Mail No.:	Name <b>Ash Grove Cement Co.</b>	Responsible Person, Title <b>Gerald Brown, EH&amp;S Manager</b>	
Location of Violation (Address) <b>3801 E. Marginal Way So.</b>	City <b>Seattle, WA</b>	Zip <b>98134</b>	County <b>King</b>
Mailing Address <b>As Above</b>	City, State <b>Seattle, WA</b>	Zip <b>98134</b>	Phone <b>(206) 623-5596</b>

Violation of AOP No. 11339 issued on 5/15/2004 Part I.B.1. EU 1.9 CO emissions from the main kiln exhaust stack shall not exceed 1045 ppm at 10% O2 for an 8 hr. average.

### Violation Description

Ash Grove reported the following violations in the July 2006 CEM report:

2 violations of the 1045 ppm 8 hour CO limit

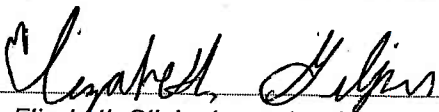
<u>Date</u>	<u>Time</u>	<u>CO 8 hr average ppm</u>
07/01/06	08:00	1115.8
07/08/06	08:00	1064.8

### Corrective Action Order

If you do not take the corrective action described below to comply with the regulations of the Puget Sound Clean Air Agency, the Agency may issue a Notice of Violation that may result in a civil penalty.

☒ No further response required. This case is closed per Agency Civil Penalty Policy of January 2002.

Issued by:

  
Elizabeth Gilpin, Inspector, 206-689-4026

Date/Time:

10-13-06

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110 Union Street, Suite 500

Seattle, WA 98101-2038

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fax 206-343-7522 www.pscleanair.org

### Written Warning

No. 2-002061

Closed 10-13-06

Case No.

Registration No. 11339

Violation Date: August 2006 CEM report Time:

Certified Mail No.:

Name

Responsible Person, Title

Ash Grove Cement Co.

Gerald Brown, EH&S Manager

Location of Violation (Address)

City

Zip

County

3801 E. Marginal Way So.

Seattle, WA

98134

King

Mailing Address

City, State

Zip

Phone

As Above

Seattle, WA

98134

(206) 623-5596

Violation of AOP No. 11339 issued on 5/15/2004 Part I.B.1. EU 1.2 Main stack emissions shall not exceed 20% opacity in any 6 minute period as measured by a continuous opacity monitor. EU 1.3 Main stack emissions shall not exceed 5% opacity in any one hour period as measured by a continuous opacity monitor.

#### Violation Description

Ash Grove reported the following 5% opacity 1 hour violations in the August 2006 CEM report:

Date	Time	Opacity
8/24	23:00	5.6%
8/31	08:00	16.1%
8/31	09:00	7.7%

Ash Grove reported the following 20% 6 minute opacity violations in the August 2006 CEM report:

Date	Time	Opacity
8/1	06:00	27%
8/1	15:00	30%
8/25	15:00	21.5%
8/25	19:00	20.9%
8/28	17:00	21.1%
8/31	08:00	99.9%
8/31	09:00	45%

#### Corrective Action Order

If you do not take the corrective action described below to comply with the regulations of the Puget Sound Clean Air Agency, the Agency may issue a Notice of Violation that may result in a civil penalty.

☒ No further response required. This case is closed per Agency Civil Penalty Policy of January 2002.

Issued by:

*Elizabeth Gilpin*  
Elizabeth Gilpin, Inspector, 206-689-4026

Date/Time:

10-13-06

Received by

signature

print name

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Seattle, WA 98101-2038  
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fax 206-343-7522 www.pscleanair.org

## Written Warning

No. 2-007050

Case No.

Registration No. 11339

Violation Date: 10/10/06, 10/23/06

Certified Mail No.:	Name Ash Grove Cement Co.	Responsible Person, Title Gerald Brown, EH&S Manager	
Location of Violation (Address) 3801 E. Marginal Way So.	City Seattle, WA	Zip 98134	County King
Mailing Address As Above	City, State Seattle, WA	Zip 98134	Phone (206) 623-5596

Violation of AOP No. 11339 issued on 5/15/2004 Part I.B.1. EU 1.2 Main stack emissions shall not exceed 20% opacity in any 6 minute period as measured by a continuous opacity monitor. EU 1.3 Main stack emissions shall not exceed 5% opacity in any one hour period as measured by a continuous opacity monitor.

### Violation Description

Ash Grove reported the following 5% opacity 1 hour violation in the October 2006 CEM report:

<u>Date</u>	<u>Time</u>	<u>Opacity</u>
10/10/06	19:00	33.6%

Ash Grove reported the following 20% 6 minute opacity violations in the October 2006 CEM report:

<u>Date</u>	<u>Time</u>	<u>Opacity</u>
10/10/06	19:00	85.6%
10/23/06	20:00	25.1%

### Corrective Action Order


If you do not take the corrective action described below to comply with the regulations of the Puget Sound Clean Air Agency, the Agency may issue a Notice of Violation that may result in a civil penalty.

☒ No further response required. This case is closed per Agency Civil Penalty Policy of January 2002.

Issued by:

  
Elizabeth Gilpin, Inspector, 206-689-4026

Date/Time:

 12-19-06

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signature

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